

REMARKS

Reconsideration of this application, as amended, is respectfully requested. The following remarks are responsive to the Office Action mailed April 29, 2005.

Drawings

The drawings are objected to for failing to include a feature described in the claims. Claim 18 is amended to exclude the feature "audio device". Therefore, Applicant submits the objection is overcome.

Specification

The title is objected to for being non-descriptive. Applicant respectfully disagrees. The claims recite a scan architecture that is flexible in its use. Accordingly, Applicant submits that the title is descriptive.

Claim Objections

Claim 25 is objected to because of grammatical errors. Specifically, the Office Action asserts that "operated" should be changed to "operate". Claim 25 is amended to reflect the Office Action's suggested change. Accordingly, Applicant submits the objection is overcome.

35 U.S.C. 102 Rejections

Claims 1-31 are rejected under 35 U.S.C. §102(b) as being anticipated by Jaber (U.S. Patent No. 6,028,983), issued: February 22, 2000. Specifically, the Office Action asserts that Jaber anticipates all elements of claims 1, 8, 18, 26, including those elements related to the functional clock and scan signals being controlled independently of each other. However, Jaber teaches that the control of the scan clock (scan clock generation logic unit 49) generates a functional clock signal and a scan clock signal that is fed to the functional unit (col. 7, lns. 25-30). So, even though, as the Office Action points out, a master scan clock (TMS) and system clock (TCK) are provided seemingly in an independent manner to the TAP/FSM 39, the actual functional clock and scan clock to operate the functional units (as recited in the claim) are actually generated in a manner that is dependent upon the same signal TAPC1/C2 (Figure 5), which is itself dependent upon the TMS and TCK signals. Therefore, Jaber fails to teach, and in fact teaches the opposite, of what is claimed in claims 1, 8, 18, and 26, which is that the scan clock and functional clock are controlled and/or operate the functional units independently. Therefore, Applicant respectfully submits the rejection is overcome.

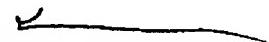
Accordingly, it is respectfully asserted by Applicant that claims 1-31 are in condition for allowance.

If there are additional fees due, please charge them to our Deposit Account No.
02-2666.

Respectfully submitted,

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